

FIG. 1

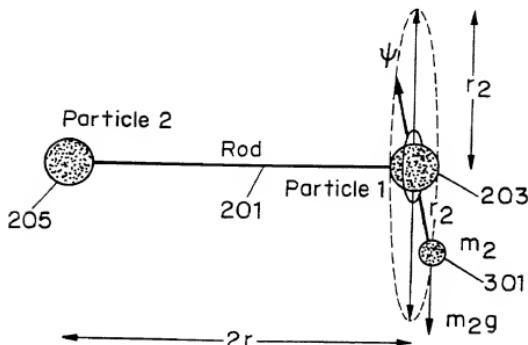


FIG. 3

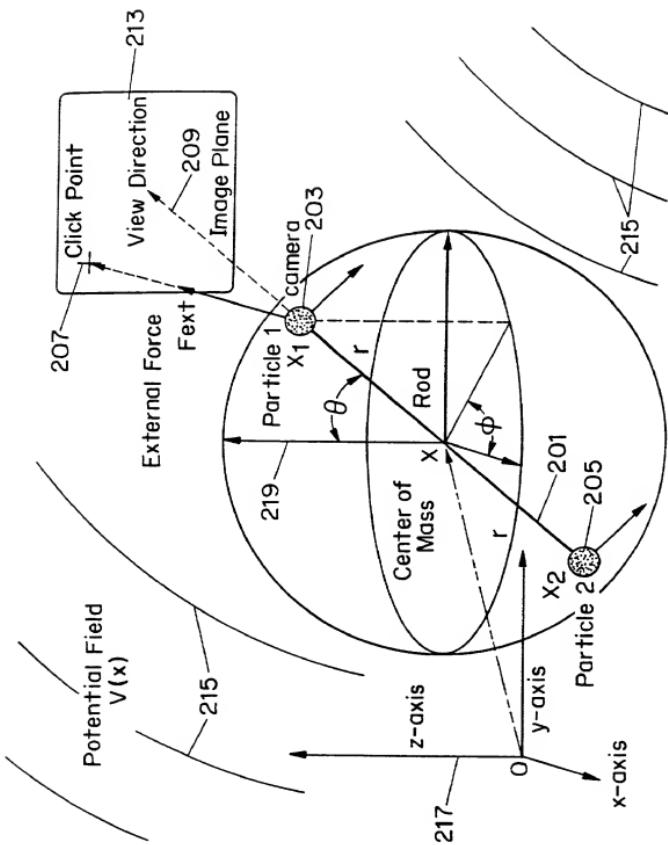


FIG. 2

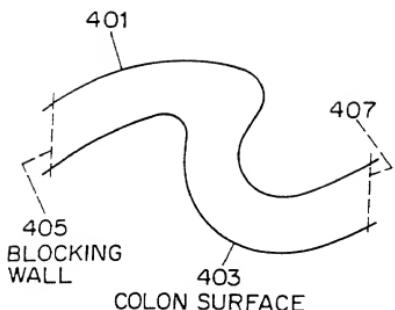


FIG. 4

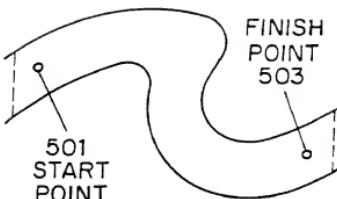


FIG. 5

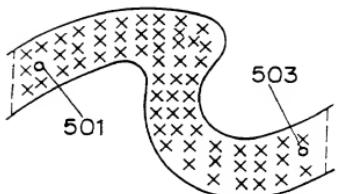


FIG. 6

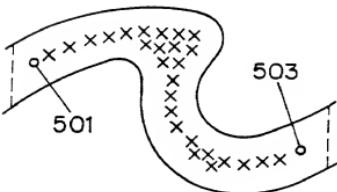


FIG. 7

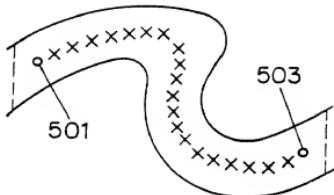


FIG. 8

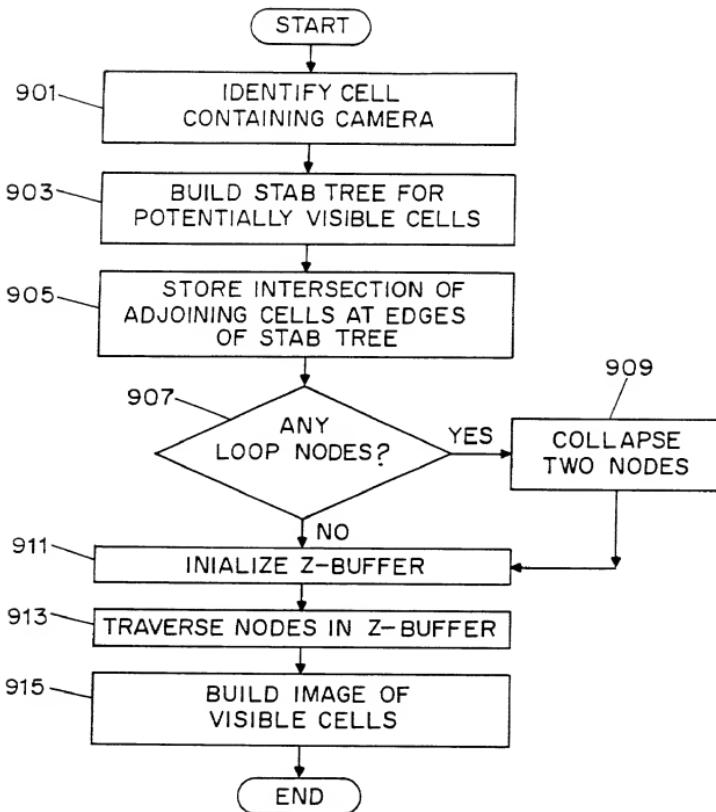


FIG. 9

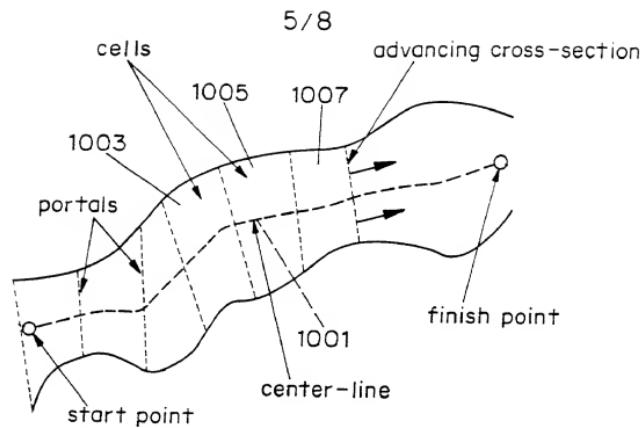


FIG. 10

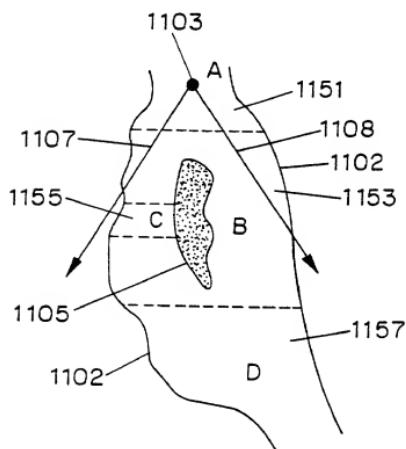


FIG. 11(a)

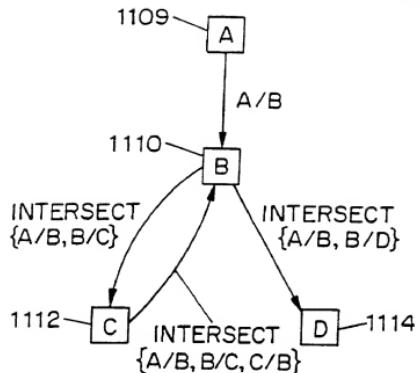


FIG. 11(b)

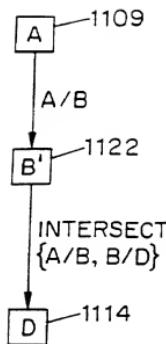


FIG. 11(c)

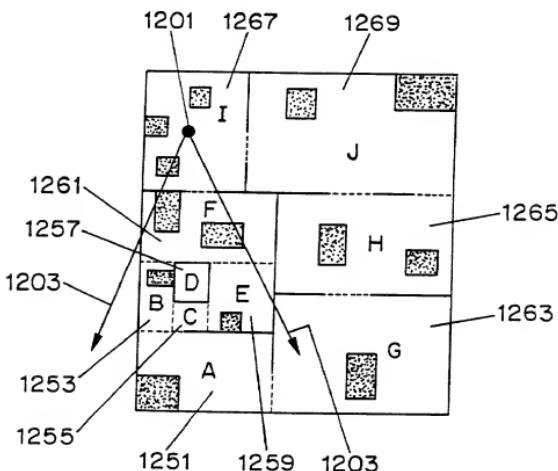
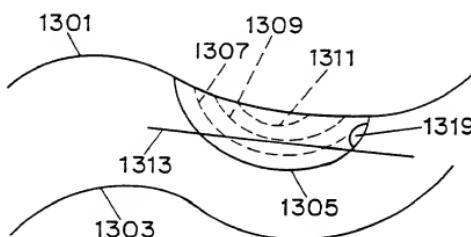
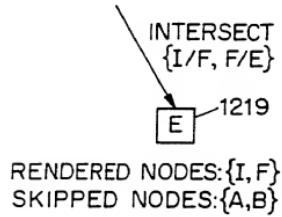
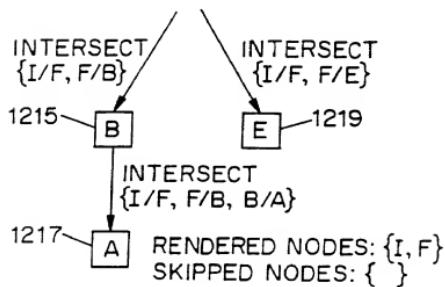
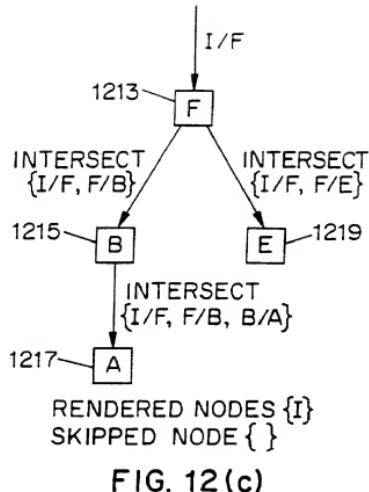
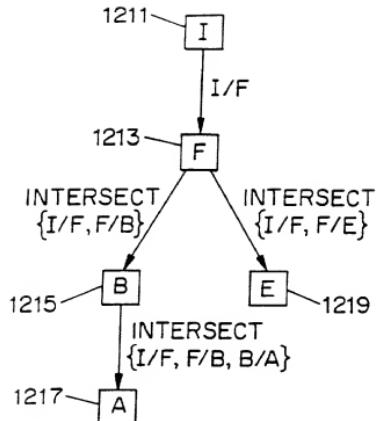


FIG. 12(a)



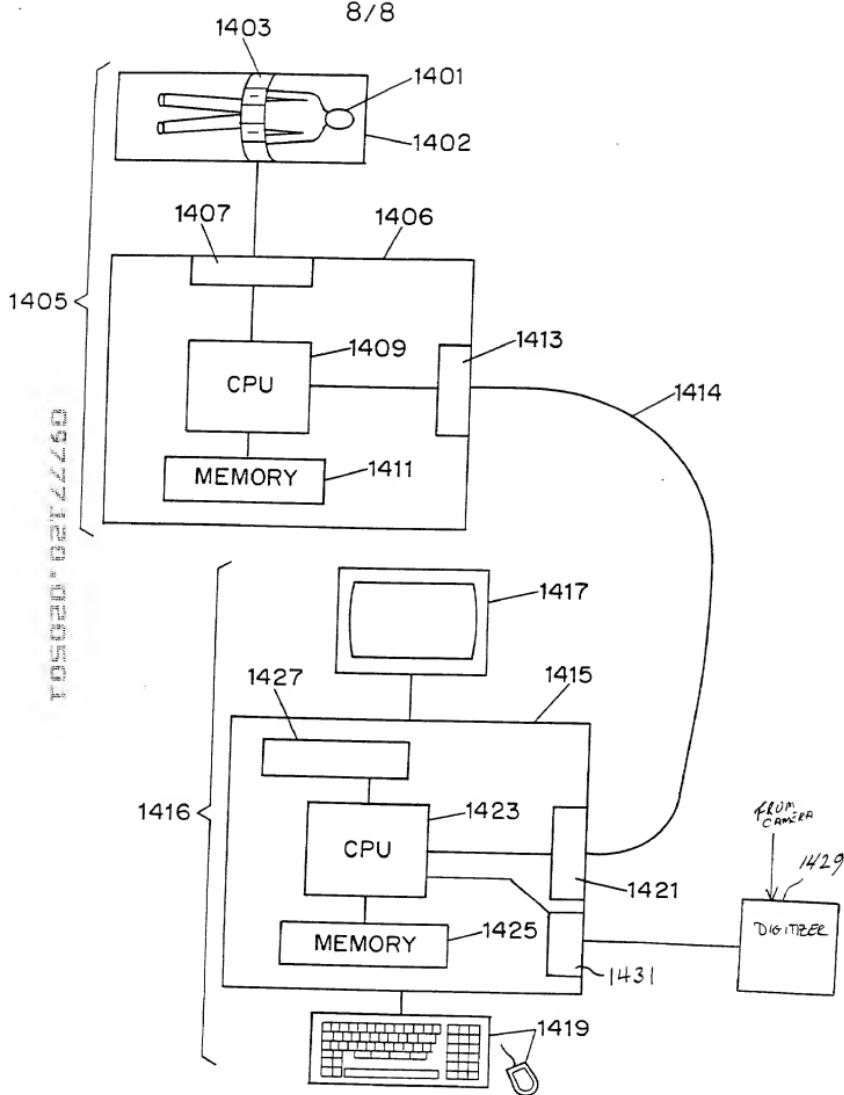


FIG. 14

Fig. 15

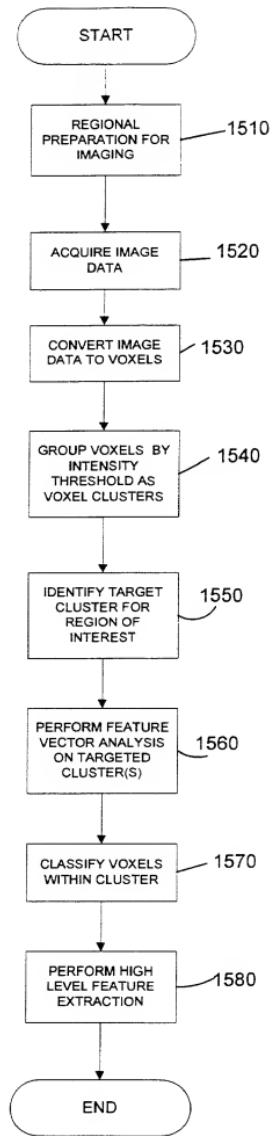


Fig. 16

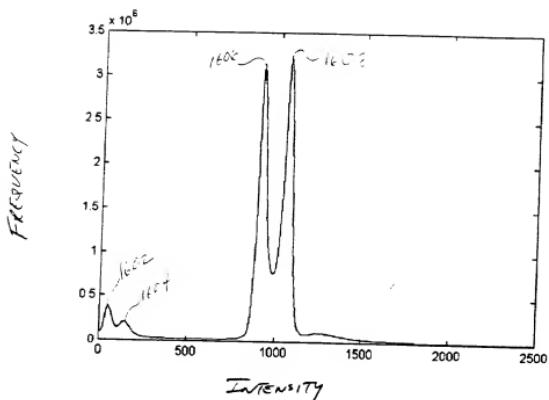


Fig. 17

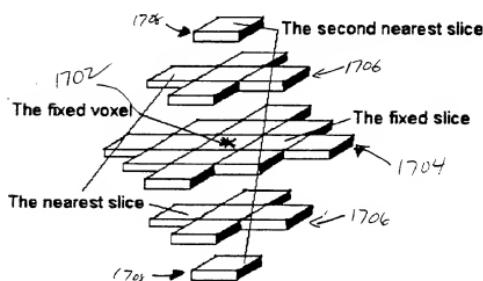


Fig. 18A

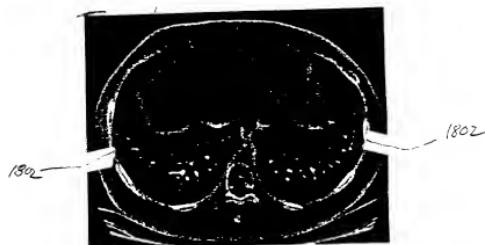


Fig. 18B

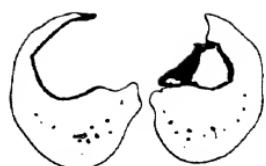


Fig. 18C



Fig. 19A

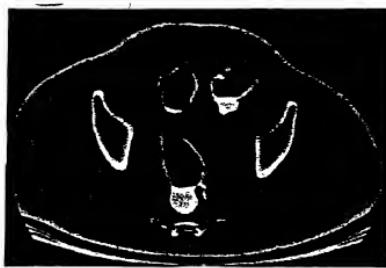


FIG. 19B

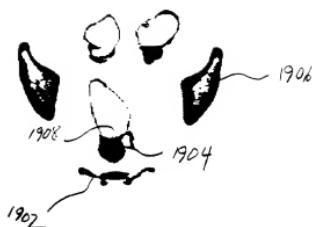


FIG. 19C



Fig. 20

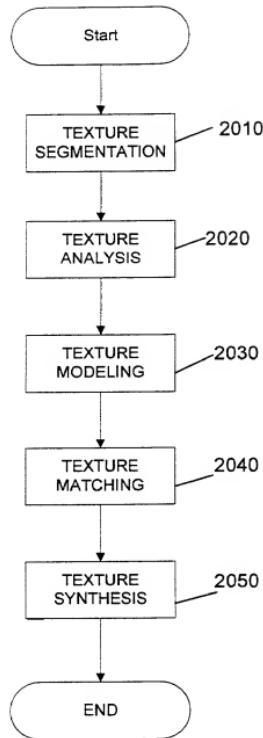
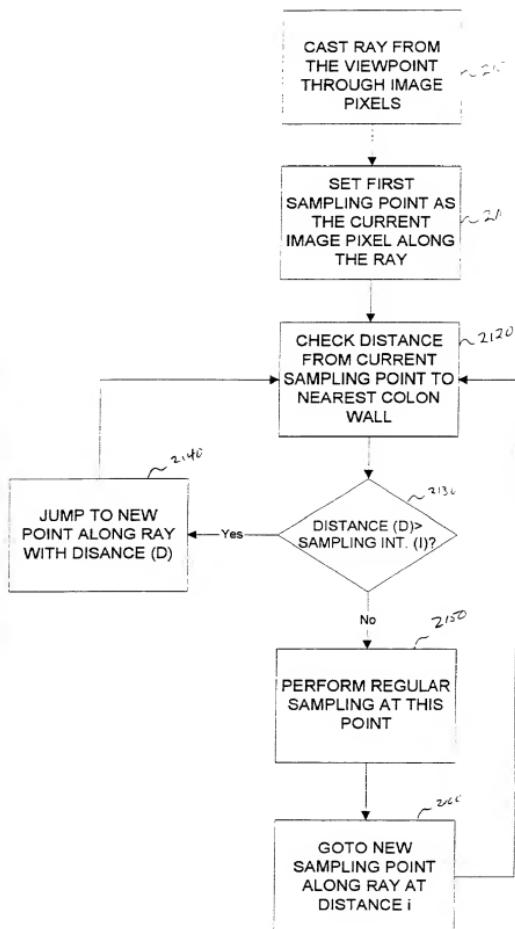
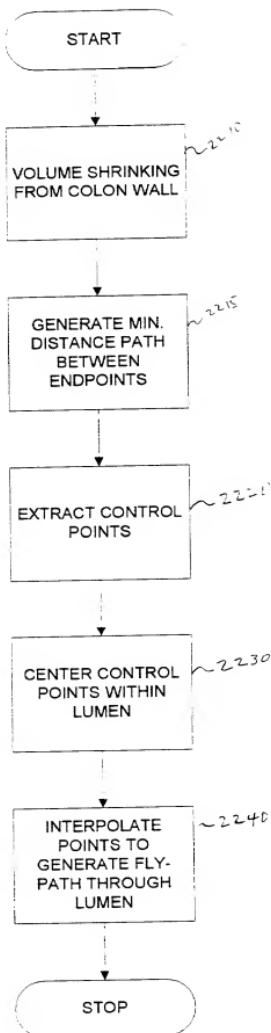


FIG. 21



09277120 - 020501

FIG. 22



0397774120 \* 320503

FIG. 23

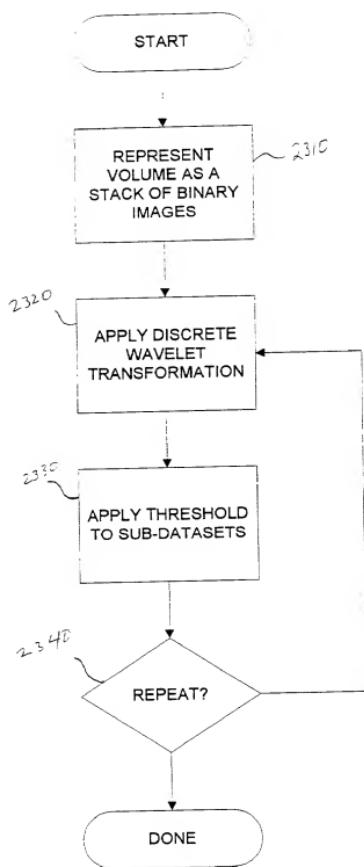


FIG 24

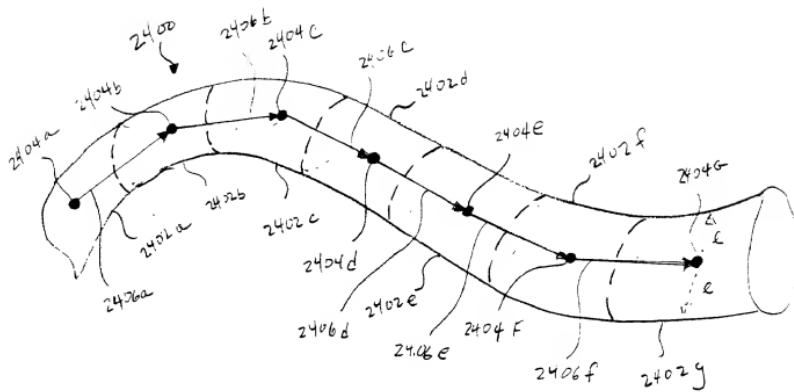
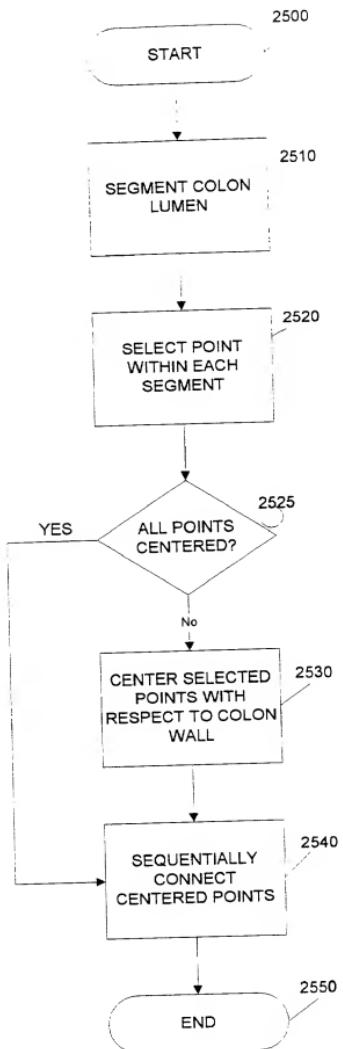


FIG. 25



109777126.020550

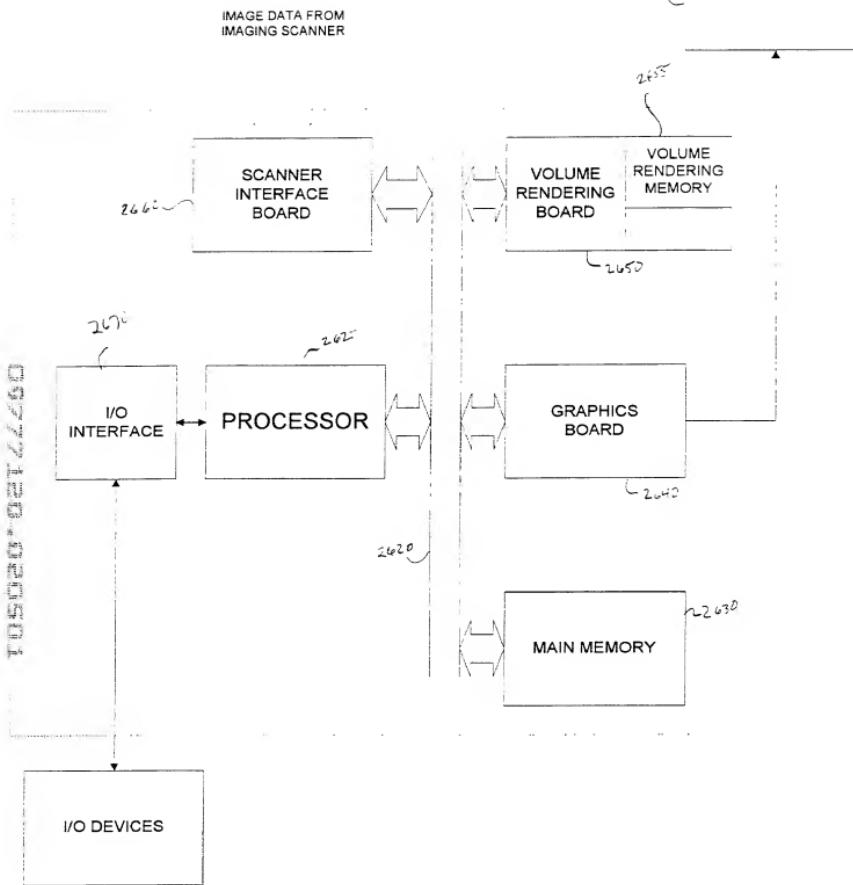


FIG. 27

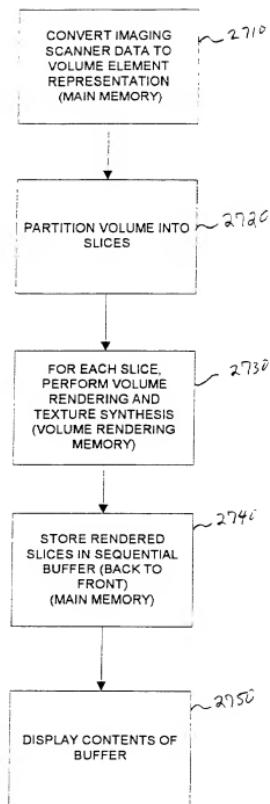
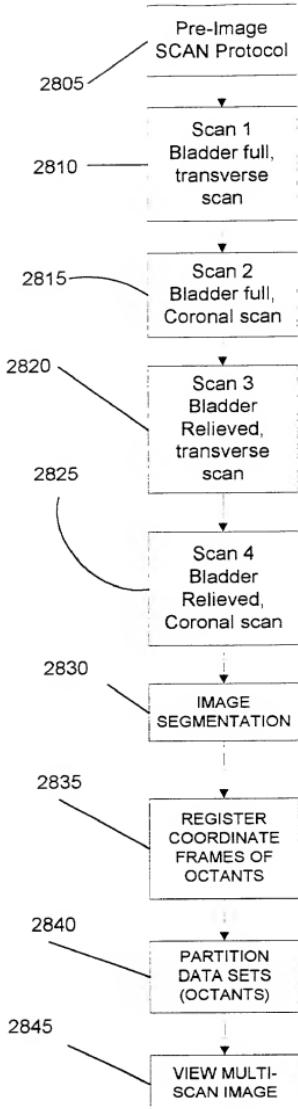
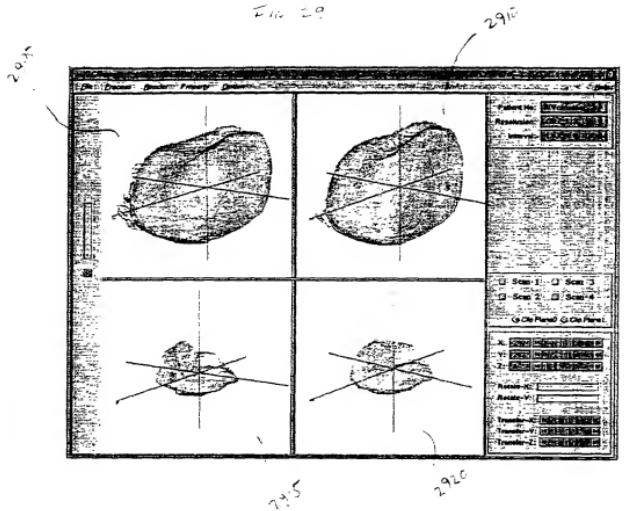


FIG 28



19772120 026504

Fig. 29



09777120.000501

Fig. 30

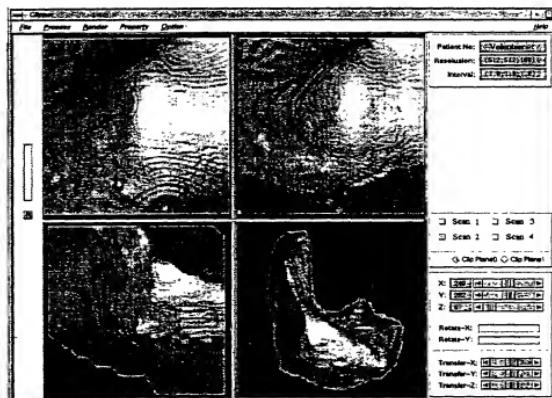


FIG. 31

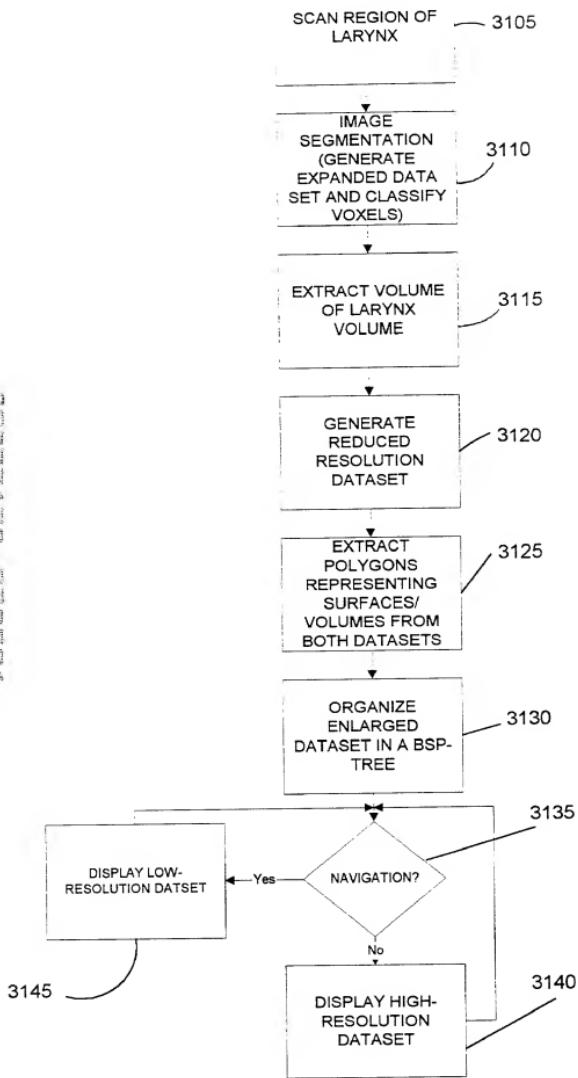
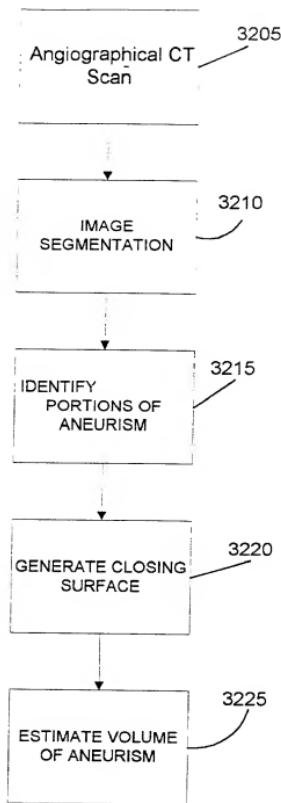


FIG. 32



Fig

Fig. 52E

Fig. 52F

0977120-026501

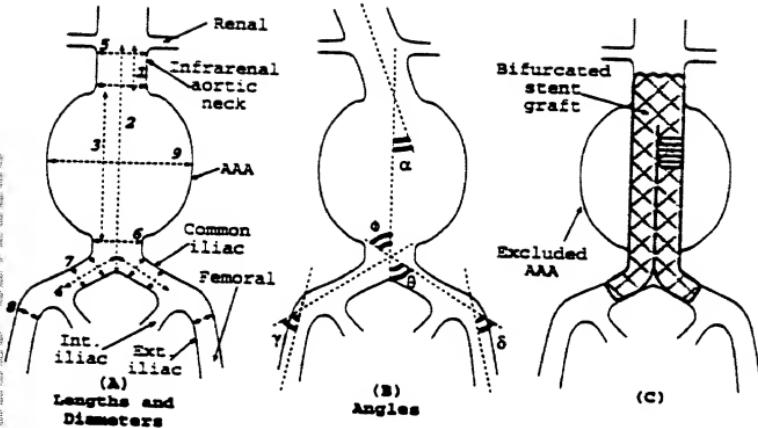
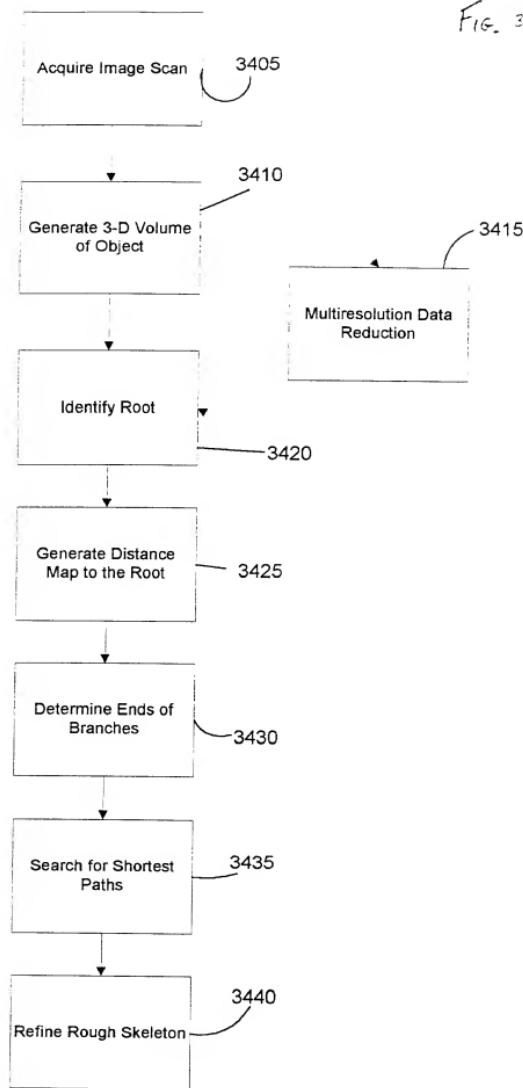


FIG. 34



09272100, 0205010

Fig. 35

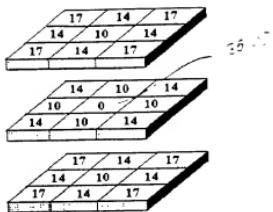


Fig. 36

1) Label root voxel with integer 0;  
 2) Construct a queue and line up the root in the queue;  
 3) If( There is at least one voxel in the queue )  
     Serve the voxel  $x$  on the top of the queue;  
     For( each of  $x$ 's 26-connected neighbor voxel  $y$  ) {  
         If(  $y$  in the volume and has not been labeled yet ) {  
             Line up the  $y$  in the queue;  
             /\* label the voxel  $y$  \*/  
             Set  $dist = 999999$  ;  
             For( each of  $y$ 's 26-connected neighbor voxel  $z$  ) {  
                 If(  $z$  in the volume and has been already labeled with an integer of  $n_z$  ) {  
                      $d_z \equiv n_z + d(y, z)$ ;  
                     where  $d(y, z)$  is 10, 14 or 17 if the Euclidean distance between  $y$  and  $z$  is  
                      $1, \sqrt{2}$ , or  $\sqrt{3}$ , respectively;  
                 }  
                 If(  $dist > d_z$  ) {  
                     label  $y$  with integer  $dist$  ;  
                      $dist = d_z$  ;  
                 }  
             }  
         }  
         }  
         }  
         }  
         }  
         }  
     }  
 Else {  
     end of calculating the distance map.  
 }